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SCIENCE :

A WEEKLY RECORD OF SCIENTIFIC
PROGRESS.

JOHN MICHELS, Editor.

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SATURDAY, DECEMBER 31, 1881.

As the present number of this journal concludes the second volume of "SCIENCE," the moment appears opportune for us to acknowledge our obligations to the many friends of the journal, who, by their contributions of valuable papers, have assisted in placing it in the distinguished position which it now occupies.

The expression of good will and satisfaction which we have received from so many of our subscribers, is encouraging for the future of the journal, for we must confess that our plans for the editorial management have been but partly developed; if we have deserved such recognition in the past, we look forward for a wide extension of our circulation in the future, when the improvements and additions which we contemplate shall be carried out. Arrangements are in progress to increase the number of pages of "SCIENCE" from twelve to sixteen, the four extra pages to be devoted to applied and practical science; in this division the most recent application of scientific principles to the arts and manufactures will find a place, and novel inventions of real scientific merit will be fully described.

Suggestions from our readers respecting any improvement or addition which will increase the efficiency of the journal, will be always welcome, and receive consideration, and we ask our subscribers to introduce "SCIENCE" to their friends, and to forward us names of those who in their opinion would desire to receive a sample copy.

We are gratified to find that heads of schools and other representatives of the intelligent classes are sending in their subscriptions, and recognizing "SCIENCE" as one of the highest educational journals in this country. The United States Commissioner of Education at Washington has expressed his high approval of the

journal in this respect, and we hope to find it in the hands of all men interested in the education of others.

Our subscription list now includes Principals of Schools, Professors in Colleges and Universities, Pastors, Physicians, Manufacturing Houses; and we claim that no person of average intelligence should fail to read "SCIENCE," for he will find it a valuable and useful weekly journal, and when bound, a standard work of reference for all time.

AN esteemed contemporary calls for a scientific journal, "such as the great body of intelligent people will admit with confidence to their homes." "SCIENCE" certainly fills this *role*. The editorial conduct of this journal has been based on a policy to admit the widest discussion of all current scientific subjects, but no editorial bias has been given to any particular set of views. The editor has not himself indulged in polemics, nor permitted the discussion of religious questions, believing that the ground covered by investigations of all branches of the sciences, is sufficient for one journal to cultivate, and that aimless attacks on religious belief are foreign to the purpose of a scientific journal, and inconsistent in a country where religious liberty is guaranteed to all.

At the moment of going to press, a copy of Mr. S. E. Cassino's International Scientists' Directory came to hand. We have, therefore, only time to take a glance at the book, which is a handsome work of 400 pages, containing the names, addresses, special department of study, etc., of those engaged in scientific investigations in America, Europe, Asia, Africa and Oceanica.

About 18,000 names and addresses are given, and the general arrangement of the work is all that can be desired. The Directory will be welcome to all engaged in scientific work, and we trust that it will be strongly patronized, and thus enable Mr. Cassino to continue his good work, which is still far from complete; although so many names are given in this directory, it clearly represents only a fraction of the whole list of scientists, as such well known names as Professor R. O. Doremus and Professor J. W. Draper, are omitted.

We have no doubt that Mr. Cassino has done his best to make his Directory complete, and we congratulate him upon his success, and it simply rests with scientific men to aid him in making future editions perfect.

On receipt of two dollars we will mail a copy of the International Scientists' Directory to any address in the United States or within the postal union.